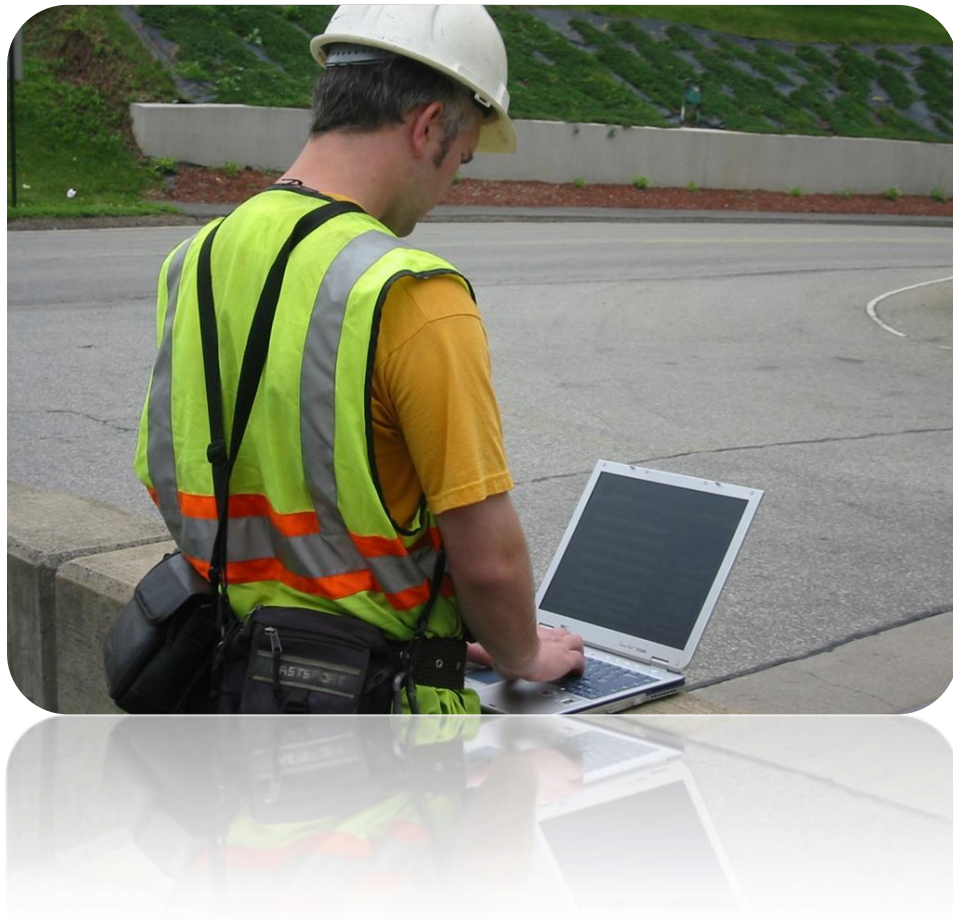




*BridgeInspect™ Collector Laptop  
Installation Guide*



## **Laptop Installation Guide Introduction:**

The laptop version of BridgeInspect™ Collector allows inspections to be started, picked up, and even completed from the inspection site. The laptop component runs without an internet connection and is structured identical to the online version of the software. The laptop version provides users with various tools such as drop down menus, integrated inspection manuals, and past inspection report data to generate quality inspections more efficiently and with reduced errors. The laptop component allows inspectors to focus on their core competency, inspecting assets, rather than transferring data from notepads to a word processed documents over and over again. This installation guide will take users through each step needed to properly install BridgeInspect™ Collector on a laptop or tablet computer, or if already installed, this manual will show users how to update the software to a higher version.

## **Installation Help:**

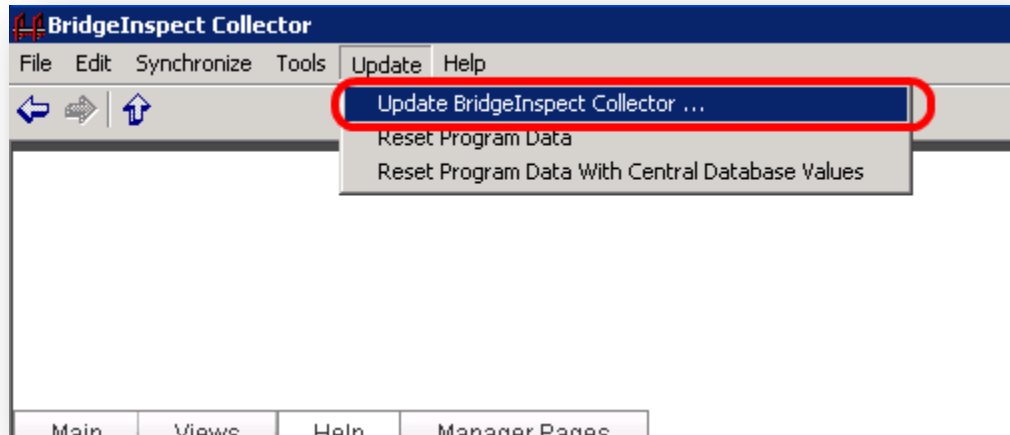
Any problems or issues with completing an installation or upgrade of the software can be reported to [siims.support@dot.iowa.gov](mailto:siims.support@dot.iowa.gov) or by calling Iowa DOT, Bridges & Structures Automation Engineer at 515-239-1079.

## **Requirements for BridgeInspect™ Collector Laptop:**

- Screen resolution of at least 1024 x 768 (1280 x 960 is preferred).
- A computer system with at least a 1 GHz processor with 1 GB of RAM for optimal performance.
- Adobe Acrobat Reader 6.0 or higher.
- 10 Gigabytes of free disk space. This is required for the application and basic data associated with the bridges.

## **Instructions for Updating the Laptop Component:**

Unless there is a major change to the core software, there is no need to go through the entire installation process. Simply download any updates directly from the application.

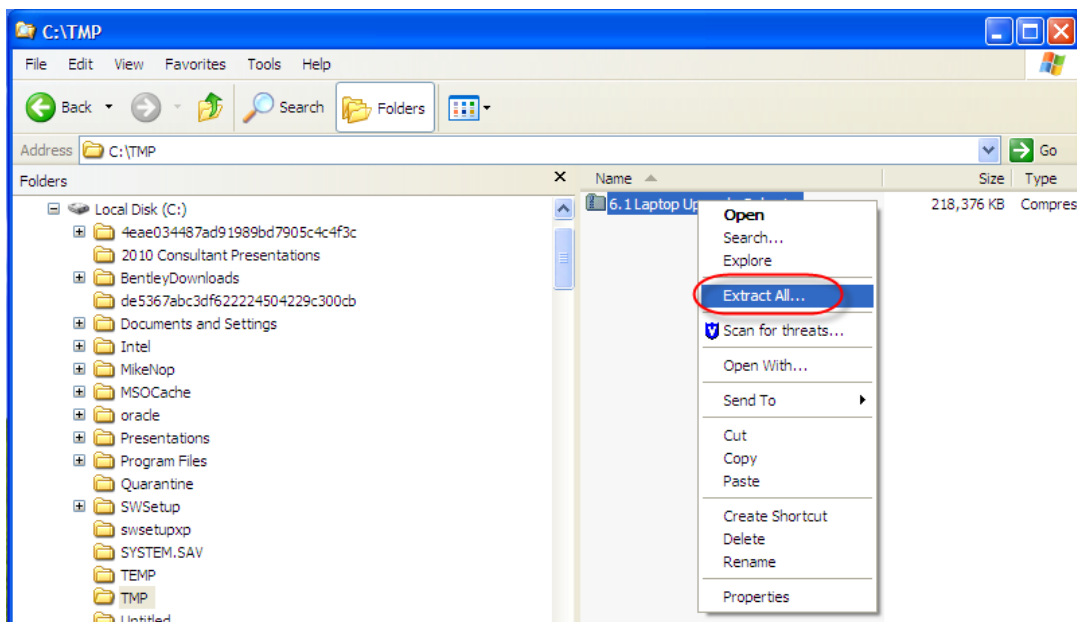


## **Instructions for Installing the Laptop Component:**

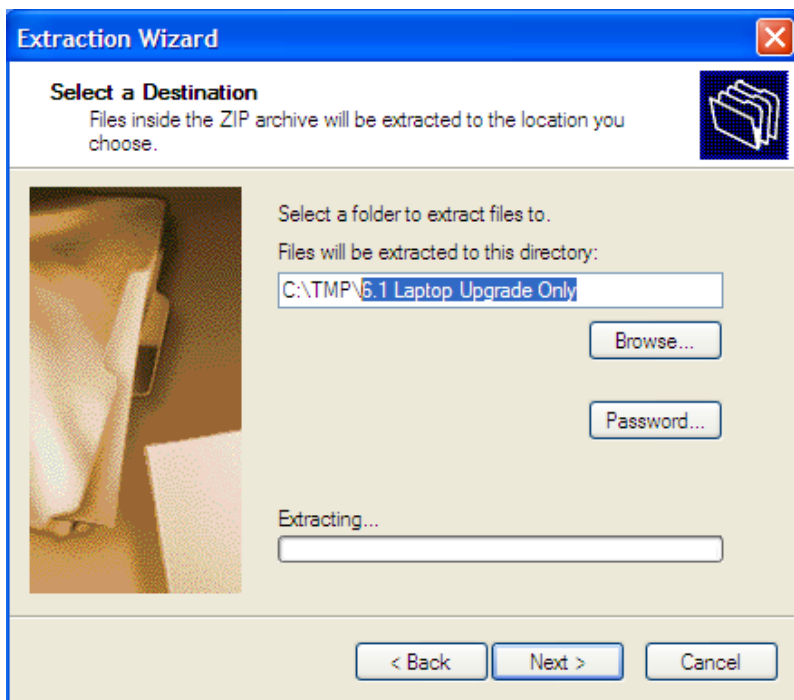
The first task you must complete is copying the installation files from the SIIMS website to your laptop. The files contain the database files needed to install the laptop version for first time users.

1. Navigate to the SIIMS website, <https://siims.iowadot.gov>, BridgeInspect Collector page.
2. Click on one of the two zipped installation files and click the Save button. You should select 6.1 Laptop Upgrade Only.zip if you have an existing installation of BridgeInspect Collector. You should select 6.1 Laptop Full Installation.zip if you have never installed BridgeInspect Collector.
3. Navigate to a location on the laptop where the file can be stored. The file is quite large so this process may take several minutes. A status bar will appear showing the progress.
4. Unzip the zip file in the directory you downloaded the file to. To unzip the file right click on the file name and choose the option Extract all... which is circled in the screenshot.

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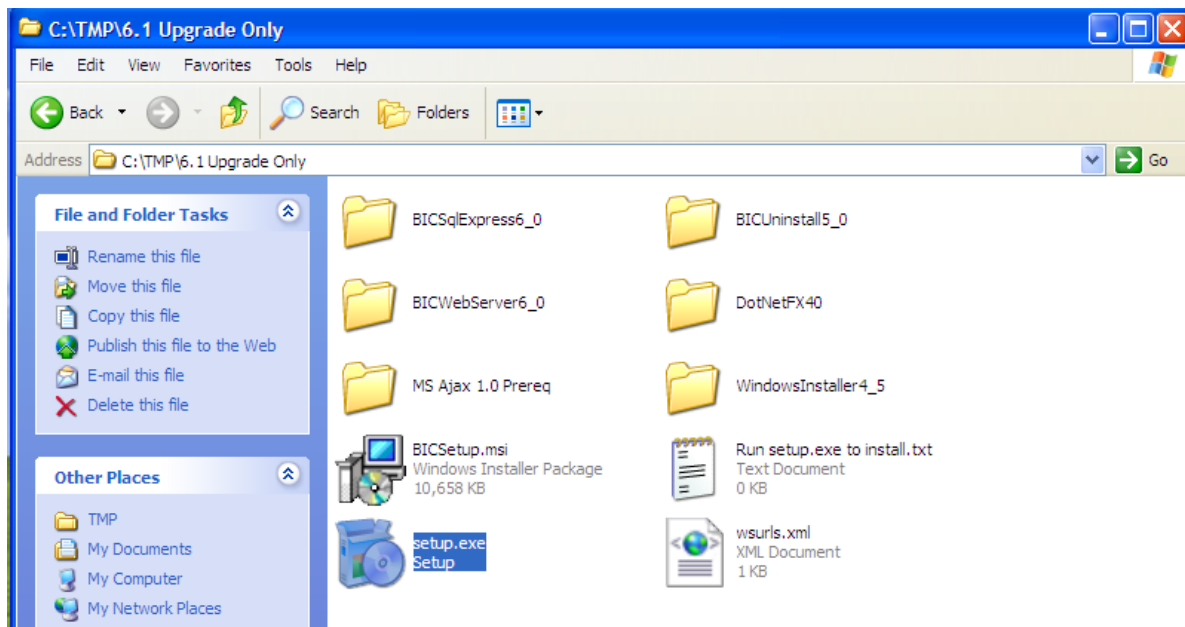


5. When you select Extract All... a pop up will appear which guides you through the extraction process. **You will need to delete the last portion of the directory path (i.e. 6.1 Laptop Upgrade Only or 6.1 Laptop Full Installation) which is highlighted in blue in the screenshot.** After the last portion is deleted, click on the Next button at the bottom of the page to begin the extraction process. Click the Finish button when completed.

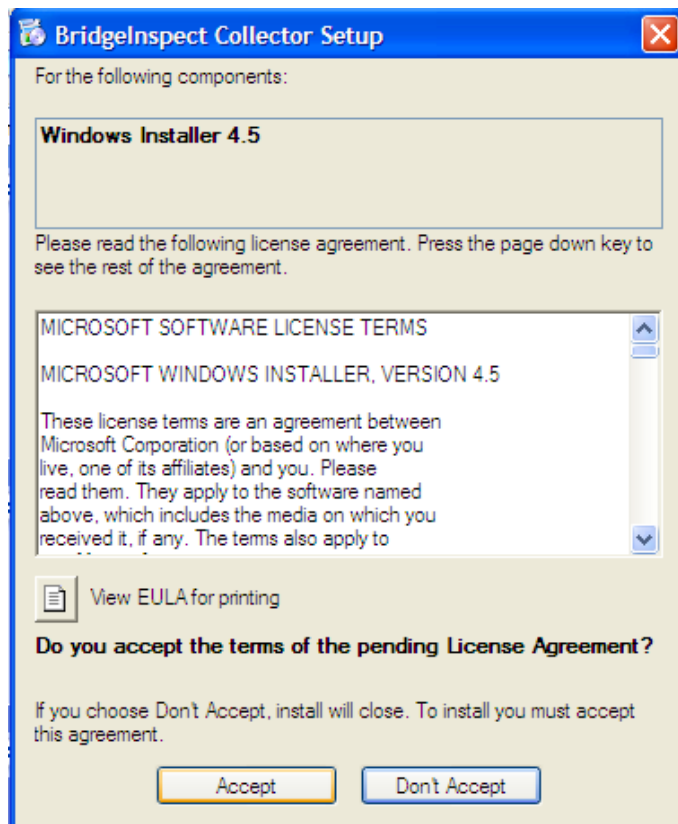


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- Now you are ready to begin the setup process by double clicking on the setup file.

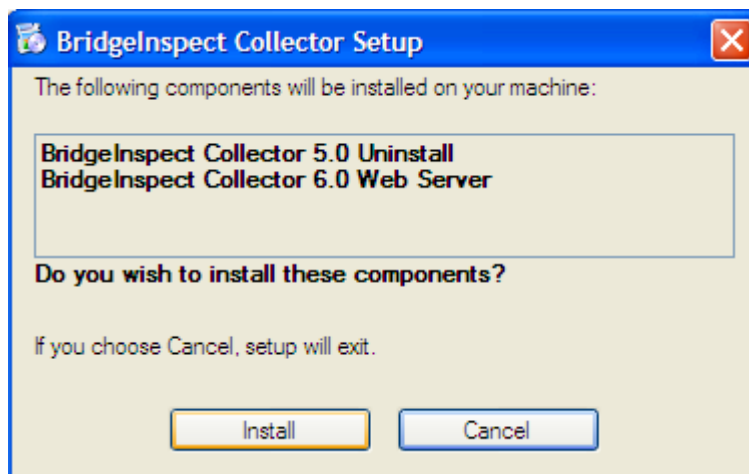


- Next, click on Accept to accept the software terms.





8. Click Install when you see this dialog box.



9. The installation process may require a reboot at this step. After reboot the installation will proceed automatically.

## *BridgeInspect™ Collector Laptop Installation Guide*

10. Click Next when the BridgeInspect Collector Setup Wizard window is displayed.

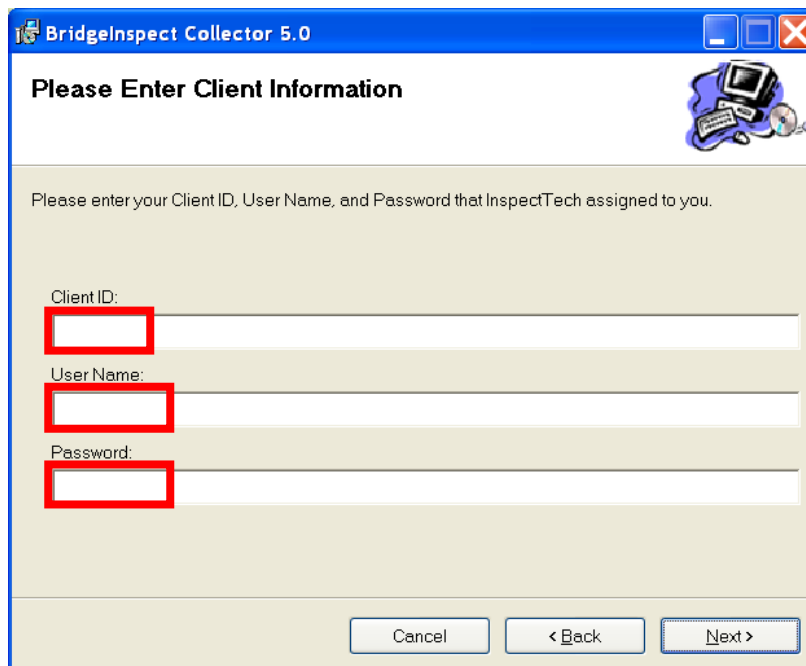


11. Fill in the client information and click Next.

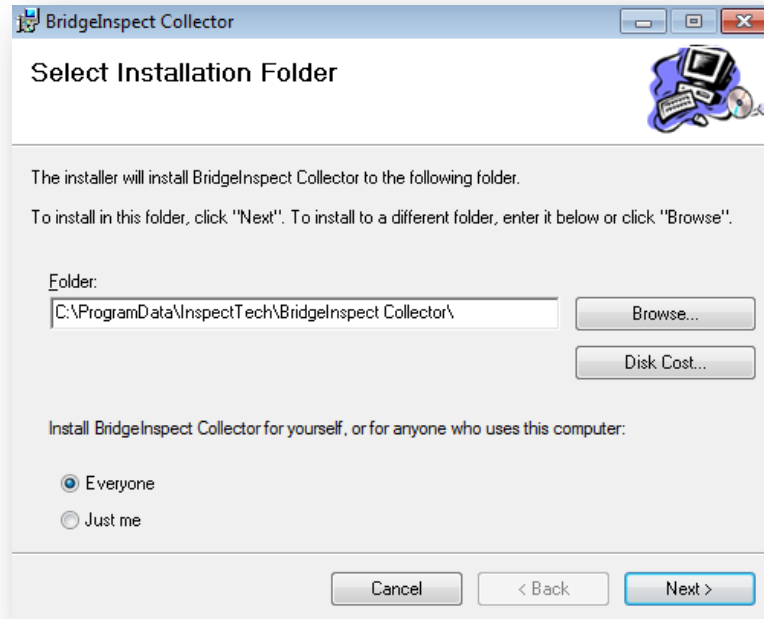
ClientID = iowa

Username = iowast01

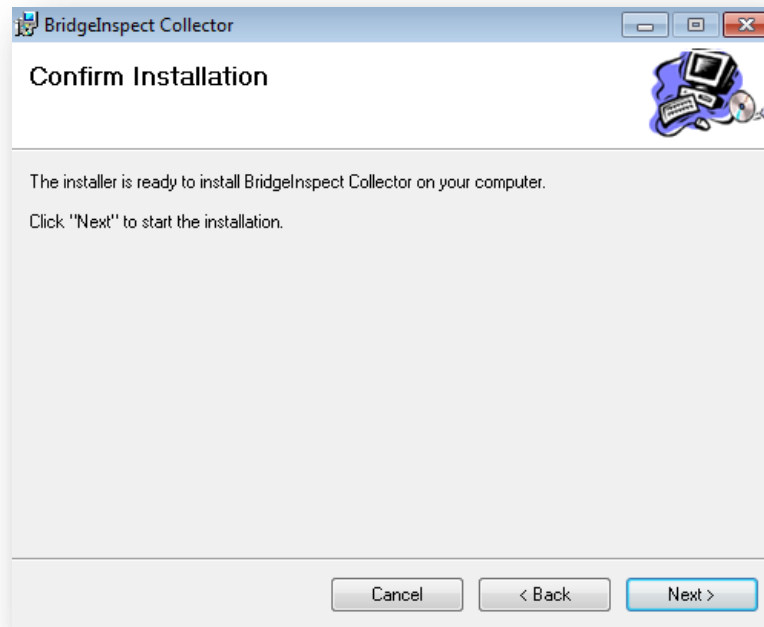
Password = iowast01

A screenshot of the BridgeInspect Collector 5.0 "Please Enter Client Information" window. The title bar reads "BridgeInspect Collector 5.0". The main text says "Please Enter Client Information". Below this, it states "Please enter your Client ID, User Name, and Password that InspectTech assigned to you." There are three input fields: "Client ID:", "User Name:", and "Password:". Each field has a red rectangular box drawn around it. At the bottom, there are three buttons: "Cancel", "< Back", and "Next >".

12. Select the Folder you wish to install the BridgeInspect Collector software. The software must be installed in a folder that allows the application to write files to it. For Windows 7, the default folder should be used. Click Next.

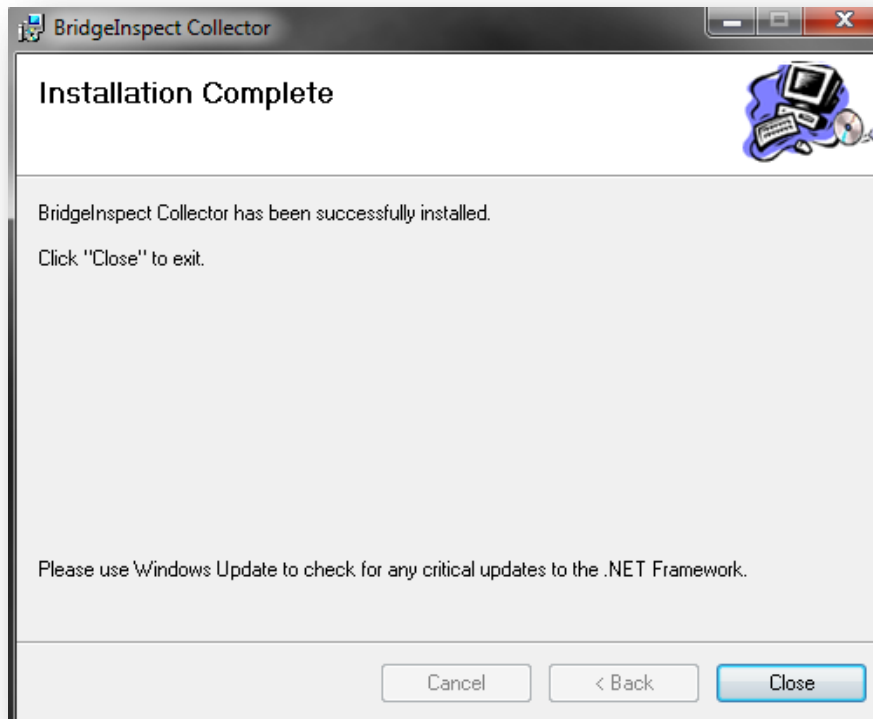


13. Click Next to start the installation.





14. Upon a successful Installation, you will receive the prompt below. Click Close.



## **BridgeInspect Collector Installation and Updating FAQs**

### **1. When and why do I update the Laptop Version?**

The laptop version is a snapshot of the online database and any of those reports you have permissions to access. As data and code is changed it is important that users have the most up to date information so that a quality inspection can be performed.

InspectTech recommends Laptop users 'Update' at a minimum of once a week. This process updates any code, script, and application changes; it may take 2-10 minutes depending on the amount of data transferred.

### **2. When and why do I synchronize the Laptop Version?**

As noted above, the laptop version is a snapshot of the online database. If assets' values and any of the assets' report values change online then the laptop must be synchronized to capture those changes. If assets' values and any of the assets' report values change on the laptop then the laptop must be synchronized to send those changes online.

InspectTech recommends Laptop users 'Synchronize' their laptop version once a day or as often as a stable internet connection is established. This process updates report values as well as asset values; it may take 5-30 minutes depending on the amount of data transferred.

### **3. When and why do I 'Reset' from the Update menu?**

The reset options from the update menu are much longer processes than the synchronization and update. This is caused by the amount of data transferred.

The 'Reset Program Data' gets any database files (including code, scripts, and actual files) needed to run the application. This also resets all non-report data including manual pages located on the Right Hand Sidebar. This process may take 30 minutes or more to run.

The 'Reset Program Data with Current Values' does the same as 'Reset Program Data' yet includes a step where it reset all current values from the online server.

InspectTech recommends Laptop users do not use these options unless it has been recommended by a system administrator or an InspectTech operative.